

What is claimed is:

1. A silver halide emulsion comprising silver halide grains containing: three or more kinds of transition metal complexes each having a different electron-releasing time respectively classified into any of Class A (100 seconds or more), Class B (more than 1/10 seconds and less than 100 seconds), Class C (more than 1/1000 seconds and 1/10 seconds or less), in which the silver halide grains have a silver chloride content ratio of 95 mol % or more and a localized silver bromide phase.

2. The silver halide emulsion as claimed in Claim 1, wherein the localized silver bromide phase contains the transition metal complex classified into Class B.

3. The silver halide emulsion as claimed in Claim 1, wherein the complex in Class C contained in the silver halide grains is an iridium complex represented by General Formula (I):



wherein X represents a halogen ion, L represents an inorganic compound except halogen or an organic compound, n represents 4 or 5, and m represents an integer of from -4 to +2.

4. A silver halide emulsion comprising silver halide grains containing: three or more kinds of transition metal complexes

each having a different electron-releasing time respectively classified into any of Class A (100 seconds or more), Class B (more than 1/10 seconds and less than 100 seconds), Class C (more than 1/1000 seconds and 1/10 seconds or less), in which the silver halide grains have a silver chloride content ratio of 95 mol % or more and a localized silver iodochloride phase.

5. The silver halide emulsion as claimed in Claim 4, wherein the complex in Class C contained in the silver halide grains is an iridium complex represented by General Formula (I):



wherein X represents a halogen ion, L represents an inorganic compound except halogen or an organic compound, n represents 4 or 5, and m represents an integer of from -4 to +2.

6. The silver halide emulsion as claimed in Claim 1, wherein the silver halide grains further have a localized silver iodochloride phase.

7. The silver halide emulsion as claimed in Claim 6, wherein the localized silver bromide phase contains the transition metal complex classified into Class B.

8. The silver halide emulsion as claimed in Claim 6, wherein the complex in Class C contained in the silver halide grains

is an iridium complex represented by General Formula (I):



wherein X represents a halogen ion, L represents an inorganic compound except halogen or an organic compound, n represents 4 or 5, and m represents an integer of from -4 to +2.

9. A silver halide emulsion comprising silver halide grains containing: three or more kinds of transition metal complexes each having a different electron-releasing time respectively classified into any of Class A (100 seconds or more), Class B (more than 1/10 seconds and less than 100 seconds), Class D (more than 1/1000 seconds or less), in which the silver halide grains have a silver chloride content ratio of 95 mol % or more and a localized silver iodochloride phase.

10. The silver halide emulsion as claimed in Claim 9, wherein the silver halide grains further have a localized silver bromide phase.

11. The silver halide emulsion as claimed in Claim 10, wherein the localized silver bromide phase contains the transition metal complex classified into Class B.